

8810 Tenth Avenue North • Minneapolis, Minnesota 55427-4319 U.S.A.

September 13, 2002

Mr. George LaRocca, PM13
Document Processing Desk (APPL)
Office of Pesticide Programs (H7505C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460-0001

Subject:

New Registration

MULTICIDE® Fogging Concentrate 2798

EPA File Symbol 1021-Unassigned

1021-RTOL

Dear Mr. LaRocca:

Enclosed are the necessary documents to support new registration of the subject product using the "Selective" method of registration. Specifically, the following items are included:

Application for Pesticide Registration
Confidential Statement of Formula - Basic
MSDS' for 2 Proprietary Inerts
Confidential Statement of Formula - Alternate
MSDS' for 2 Proprietary Inerts
Certification With Respect to Citation of Data
Formulator's Exemption
Data Requirement Matrix
Date Requirement Matrix for Active Ingredient
Proposed Label - 5 Copies

To fulfill the data requirements for registration, the following reports are enclosed in triplicate:

45762901 Vol. 1 of 9	Acute Oral Toxicity - Rats Guideline 81-1
45762902 Vol. 2 of 9	Acute Dermal Toxicity - Rabbits Guideline 81-2
<b>45762903</b> Vol. 3 of 9	Acute Inhalation Toxicity - Rats Guideline 81-3
45762904 Vol. 4 of 9	Primary Eye Irritation - Rabbits Guideline 81-4

Mr. George LaRocca September 13, 2002 Page Two

45762905

45/62905	Vol. 5 of 9	Primary Skin Irritation - Rabbits Guideline 81-5
45262906	Vol. 6 of 9	Dermal Sensitization Study - Guinea Pigs - Buehler Method Guideline 81-6
45762907	Vol. 7 of 9	Product Performance/Efficacy Reports
45762908	Vol. 8 of 9	Product Chemistry of MULTICIDE® Fogging Concentrate 2798 (Basic Formula)
		Guideline Nos. 61-1 to 61-3, 62-1 to 62-3, 63-2 to 63-21
45762909	Vol. 9 of 9	Product Chemistry of MULTICIDE® Fogging Concentrate 2798 (Alternate Formula)
		Guideline Nos. 61-1 to 61-3, 62-1 to 62-3, 63-2 to 63-21

Please advise us of the MRID numbers assigned to this data for future reference.

If there are any questions concerning this submission, please contact the undersigned.

Sincerely,

McLAUGHLIN GORMLEY KING COMPANY

Julie B. Schlekau

Registration Specialist

Enclosures

Bill Chase, MGK

Julie B Schlekan

Dave Carlson, MGK

		_	7			
	11	-	instructions			
V			,			
lea	ke	read	instructions	before	completing	form

Form Approved.	OMB No. 2070-0060.	Approval expires 05-31-9

<b>SEPA</b>	Environmental F	Protection A	Agency		Amendme		279966
		n, DC 20460			Other		211766
	P	Application	n for Pesticid	e - Sectio	n I		
1. Company/Product Numb			2. EPA Produc	-		3. Proposed	Classification
	1021- R1	02		George La	,	-	
4. Company/Product (Nam			PM#	03 12		✓ None	Restricted
MULTICIDE® Fogging						h FIFDA C	( 0/-\/0\/ -\/1\
5. Name and Address of A	ILEY KING COMPANY						ion 3(c)(3)(b)(i), my
8810 TENTH AVENU			product is simi	iar or identic	al in compositi	on and labelin	g to:
MINNEAPOLIS, MN 5			EPA Reg. No	,			
WINTER OLIO, WITE	10421		LI A Neg. No	,.			
			Product Nam	ne			
Check if this	is a new address						
			Section - II				
Amendment	- Explain below.				Final printed	labels in resp	onse to
					Agency lette	r dated	
Resubmission	on in r <mark>esponse to</mark> Agency lette	er dated			"Me Too" Ap	plication.	
	Explain below.				Other - Expla	ain below.	
Explanation: Use addition	nal page(s) if necessary. (Fo	r section I and	d Section II.)				
			Section - III				
1. Material This Product Wi			Iv.				
Child-Resistant Packaging	Unit Packaging		Water Soluble			2. Type of C	container
Yes*	Yes			Yes		✓ Metal	
✓ No	✓ No	N	V 104 - 11	No		✓ Plastic	
	If "Yes"	No. per	If "Yes"		No. per	Glass	
ertification must be submitted	Unit Packaging wgt.	container	Package wgt.		container	Paper Other (	Specify)
3. Location of Net Contents	information	4 Size(s) Re	etail Container		5 Location o	f Label Directi	
Label	Container	1 gal 55			J. Location o	On Label	ons
J Laber	Container	l gai. oo	, gui.				accompanying product
6. Manner in Which Label is	s Affixed to Product	Lithograph			Other	on Laboring	accompanying product
		Paper glued	/				
	i i	Stenciled					
			Section - IV				
1. Contact Point (Complete	items directly below for iden	tification of in			cessary, to pr	ocess this app	lication.)
Name		Title				Telephone N	lo. (Include Area Code)
JULIE B. SCHLEKAU		Registration	on Specialist			(763) 544-	-0341***
-01							****
		Certification	n				6. Date Application
I certify that the stateme	nts I have made on this form	and all attach	hments thereto a	re true, accu	rate and comp	lete.	Received
I acknowledge that any I	knowingly false or misleading	statement m	ay be punishable	by fine or in	nprisonment o	r : • :	
both under applicable la	w					*****	• (Stamped)
2. Signature		3. Title	- 4			••	····•.
July BS	Salalakan	Registration	on Specialist			•	, "
and b	sential			1 1			
4. Typed Name		5. Date	- 1				****
JULIE B. SCHLEKAU		9/13/02	2				



### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W.

WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460.

Do not send the completed form to this address.	
Certification with Respect to Ci	tation of Data
Applicant's/Registrant's Name, Address, and Telephone Number	EPA Registration Number/File Symbol
McLaughlin Gormley King Company	
8810 Tenth Avenue North	1021-
Minneapolis, MN 55427 Telephone: 763-544-0341	
Active Ingredient(s) and/or representative test compound(s)	Date 9/13/02
SUMITHRIN®; Piperonyl Butoxide, ETOC®	
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)	Product Name
Terrestrial Non-Crop	MULTICIDE® Fogging Concentrate 2798
NOTE: If your product is a 100% repackaging of another purchased EPA-registered product	
submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570)	
I am responding to a Data-Call-In Notice, and have included with this form a list be used for this purpose).	at of companies sent offers of compensation (the Data Matrix form should
SECTION I: METHOD OF DATA SUPPORT (	Check one method only)
I am using the cite-all method of support, and have included with this form	I am using the selective method of support (or cite-all option
a list of companies sent offers of compensation (the Data Matrix form	under the selective method) and have included with this form a
should be used for this purpose)	completed list of data requirements (the Data Matrix form must be
	used).
SECTION II: GENERAL OFFE	E TO PAY
(Required if using the cite-all method or when using the cite-all option under the selective m	
(Negative in using the cite-all method of when using the cite-all option dider the selective in	ethod to satisfy one of more data requirements)
☐ I hereby offer and agree to pay compensation, to other persons, with regard to	the approval of this application, to the entent required by FIFRA.
SECTION III: CERTIFICA	TION
I certify that this application for registration, this form for reregistration, or this I application for registration, the form for reregistration, or the Data-Call-In response. In additinglicated in Section I, this application is supported by all data in the Agency's files that (1) contained antially similar product, or one or more of the ingredients in this product; and (2) is a tyrequirements in effect on the date of approval of this application if the application sought the uses.	ion, if the cite-all option or cite-all option under the selective method is oncern the properties or effects of this product or an identical or upe of data that would be required to be submitted under the data
I certif <mark>y t</mark> hat for each exclusive use study cited in support of this registration or reregis the written permission of the original data submitter to cite that study.	stration, that I am the original data submitter or that I have obtained
I certify that for each study cited in support of this registration or reregistration submitter; (b) I have obtained the permission of the original data submitter to use the study compensation have expired for the study; (d) the study is in the public literature; or (e) I have offered (i) to pay compensation to the extent required by sections 3(c)(2)(B) of FIFRA; and amount and terms of compensation, if any, to be paid for the use of the study.	in support of this application; (c) all periods of eligibility for e notified in writing the company that submitted the study and have
I certify that in all instances where an offer of compensation is required, copies accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be subseridence to the Agency upon request, I understand that the Agency may initiate action to de FIFRA.	omitted to the Agency upon request. Should I fail to produce such
I certify that the statements I have made on this form and all the attachments	to it are true, accurate, and complete. I acknowledge that any
knowingly false or <mark>misleading</mark> statement may be punishable by fine or imprisonment	or both under applicable law.
Signature	Date Typed or Printed Name and Title
I whe B Schlekan	
- www b schullur	9/13/02 Julie Schlekau, Registration Specialist

### ATTACHMENT A

### FORMULATOR'S EXEMPTION STATEMENT (40 CFR 152.85)

EPA File Symbol/Reg. No. 1021	(10 011( 102.50)
Product Name MULTICIDE® Fogg	ging Concentrate 2798
APPLICANT'S NAME AND ADDRESS	McLaughlin Gormley King Company
	8810 Tenth Avenue North
	Minneapolis, MN 55427
As an authorized representative of the ap	pplicant for registration of the product identified above, I hereby certify that:
(1) This product contains th	e active ingredient(s):
UMITHRIN®	
ETOC®	
	sted in paragraph (1) is present solely as the result of the incorporation into the ) of another product which contains that active ingredient, which is registered used by us from another producer.
(3) Indicate by circling (A) o	r (B) below which paragraph applies:
(A) An accurate Confidentia	Statement of Formula (EPA Form 8570-4) for the above identified product is
attached to this statement. That formula	statement indicates, by company name, the registration number and product
name, the source of the active ingredient	t(s) listed in paragraph (1).
	OR
(B) The Confidential Statem	ent of Formula dated on file with the EPA is complete, current
and accurate and contains the information active ingredient(s) listed in paragraph (1)	on required on the current CSF Form No. 8570-4. The registered source(s) of the listed below:
Active Ingredient	Source: Product Name and Reg. No.
SUMITHRIN	
ETOC	
	••••
	moture: 1 1 & R C 1 De ba
Sig	gnature:
Dated: 9/13/02	Title
or rolls	
EPA Form (April 1985)	

<sup>\*</sup>Product ingredient source information may be entitled to confidential treatment\*



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Washington, DC 20460. Do not send the form to this address. collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U. S. Environmental Protection Agency, 401 M Street, S.W., reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for

Date 13-Sep-02		Name and Title  Julie Schlekau, Registration Specialist		Audie B Schlitan	Signature Aulu B
	NWO	1021	Vol. 8 of 9	Melting Point (4)	63-5
	NWO	1021	Vol. 8 of 9	Odor	63-4
	NWO	1021	Vol. 8 of 9	Physical state	63-3
	OWN	1021	Vol. 8 of 9	Color	63-2
	OWN	1021	<b>V</b> ol. 8 of 9	Analytical method for enforcement limits	62-3
	NWO	1021	••See CSF	Certification of limits	62-2
	NWO	1021	Vol. 8 of 9	Preliminary analysis	62-1
	NWO	1021	Vol. 8 of 9	Discussion of formation of ingredients	61-3
	NWO	1021	Attached	Statement of composition	61-2
	NWO	1021	See CSF	Identity of ingredients	61-1
	NWO	1021	Vol. 7 of 9	Efficacy	
TO mala	NWO	1021	Vol. 6 of 9	Dermal Sensitization	81-6
	NWO	1021	Vol. 5 of 9	Primary Dermal Irritation	81.5
Fir Basic	NWO	1021	Vol. 4 of 9	Primary Eye Irritation - Rabbit	81-4
	NWO	1021	Vol. 3 of 9	Acute Inhalation LC <sub>50</sub> - Rat	81-3
	NWO	1021	Vol. 2 of 9	Acute Dermal LD <sub>50</sub>	81-2
	OWN	1021	Vol. 1 of 9	Acute Oral LD <sub>50</sub> - Rat	81-1
Note	Status	Submitter	MRID Number	Guideline Study Name	Guideline Reference Number
				SUMITHRIN®; Piperonyl Butoxide, ETOC®	Ingredient SUMITHRIN®;
				NN 55427	Minneapolis, MN 55427
MULTICIDE® Fogging Concentrate 2798	CIDE® Fogging	MULTI		McLaughlin Gormley King Company	McLaughlin Gormley King
		Product		& Address	Applicant's/Registrant's Name & Address
Page 1 of 2	-	EPA Reg. No. 1021-			Date 13-Sep-02
			DATA MATRIX		
				send the form to this address.	washington, DC 20460. Do not send the form to this address.



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		DATA MATRIX			
Date 13-Sep-02		1	EPA Reg. No. 1021-		Page 2 of 2
Applicant's/Registrant's Name & Address	Address		Product		
McLaughlin Gorm	McLaughlin Gormley King Company		MULTIC	IDE® Foggin	MULTICIDE® Fogging Concentrate 2798
8810 Tenth Avenue North	ue North				
Minneapolis, MN 55427	55427				
Ingredient SUMITHRIN®; P	SUMITHRIN®; Piperonyl Butoxide, ETOC®				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-6	Boiling Point (5)	Vol. 8 of 9	1021	NWO	
63-7	Density, Bulk Density, or Specific Gravity	Vol. 8 of 9	1021	NWO	
63-8	Solubility	Vol. 8 of 9	1021	NWO	
63-9	Vapor pressure	Vol. 8 of 9	1021	NWO	
63-10	Dissociation Constant	Vol. 8 of 9	1021	NWO	The state of the s
63-11	Octano/Water Partition Coefficient (6)	Vol. 8 of 9	1021	NWO	
63-12	PH (7)	Vol. 8 of 9	1021	NWO	
63-13	Stability	Vol. 8 of 9	1021	NWO	
63-14	Oxidizing/Reducing Reaction (8)	Vol. 8 of 9	1021	NWO	
63-15	Flammability (9)	Vol. 8 of 9	1021	NWO	
63-16	Explodability (10)	Vol. 8 of 9	1021	NWO	
63-17	Storage Stability	• Underway	1021	NWO	
63-18	Viscosity (11)	Mol. 8 of 9	1021	NWO	
63-19	Miscibility (12)	Vol. 8 of 9	1021	NWO	
63-20	Corrosion Characteristics	Vol. 8 of 9	1021	NWO	
63-21	Dielectric Breakdown Voltage (13)	Vol. 8 of 9	1021	NWO	
Signature	Links & Schlitzen		Name and Title		Date
			Julie Schlekau, Registration Specialist	tion Specialist	13-Sep-02

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DATA MATRIX		
Date 13-Sep-02	EPA Reg. No. 1021-	Page 1 of 2
Applicant's/Registrant's Name & Address	Product	
McLaughlin Gormley King Company	MULTICIDE® Foggir	MULTICIDE® Fogging Concentrate 2798
Minneapolis, MN 55427		
Ingredient SUMITHRIN®: Piperonyl Butoxide, ETOC®		
Reference Number Guideline Study Name MRID Number	Submitter Status	Note
	1021 OWN	
	1021 OWN	大学 大学 とうかん でんしょう
	1021 OWN	
Signature duli 155 holkan	Name and Title  Julie Schlekau, Registration Specialist	Date 13-Sep-02

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		DATA MATRIX			
Date	13-Sep-02		EPA Reg. No. 1021-		Page 2 of 2
Applicant's/F	Applicant's/Registrant's Name & Address		Product		
	McLaughlin Gormley King Company		MULTIC	CIDE® Foggir	MULTICIDE® Fogging Concentrate 2798
	8810 Tenth Avenue North				
	Minneapolis, MN 55427				
Ingredient	SUMITHRIN®; Piperonyl Butoxide, ETOC®				
Guideline Re	Guideline Reference Number Guideline Study Name	MRID Number	Submitter	Status	Note
			1021	NWO	
			1021	NWO	
			1021	NWO	
			1021	OWN	
			1021	NWO	
			1021	NWO	
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			1021	NWO	
		•••	1021	OWN	
		:	1021	NWO	
Signature	11/10/11/1	•	Name and Title		Date
	Anni D) chellan		Julie Schlekau, Registration Specialist	tion Specialist	13-Sep-02

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Date 13-Sep-02		Name and Title  Julie Schlekau, Registration Specialist		m	July B Schlikan	Signature
	OWN	1021	Vol. 9 of 9.		Melting Point (4)	63-5
	OWN	1021	Val. 9 of 9		Odor	63-4
	OWN	1021	Vol. 9 of 9		Physical state	63-3
	OWN	1021	Vol. 9 of 9	•::	Color	63-2
	OWN	1021	Vol. 9 of 9	enforcement limits	Analytical method for enforcement limits	62-3
	OWN	1021	See CSF		Certification of limits	62-2
	OWN	1021	Vol. 9 of 9		Preliminary analysis	62-1
	OWN	1021	Vol. 9 of 9	on of ingredients	Discussion of formation of ingredients	61-3
	OWN	1021	Attached	ition	Statement of composition	61-2
	OWN	1021	See CSF		Identity of ingredients	61-1
	OWN	1021	Vol. 7 of 9		Efficacy	
	OWN	1021	Vol. 6 of 9		Dermal Sensitization	81-6
	OWN	1021	Vol. 5 of 9	ion	Primary Dermal Irritation	81.5
Tomula	OWN	1021	Vol. 4 of 9	- Rabbit	Primary Eye Irritation - Rabbit	81-4
to Alternat	NWO	1021	Vol. 3 of 9	- Rat	Acute Inhalation LC <sub>50</sub> -	81-3
	NWO	1021	Vol. 2 of 9		Acute Dermal LD <sub>50</sub>	81-2
	OWN	1021	Vol. 1 of 9		Acute Oral LD <sub>50</sub> - Rat	81-1
Note	Status	Submitter	MRID Number		er Guideline Study Name	Guideline Reference Number
				C®	SUMITHRIN®; Piperonyl Butoxide, ETOC®	Ingredient SUMITHRIN
					Minneapolis, MN 55427	Minneapolis
MULTICIDE® Fogging Concentrate 2798	TICIDE® Foggine				McLaughlin Gormley King Company	McLaughlin
		Product			me & Address	Applicant's/Registrant's Name & Address
Page 1 of 2		EPA Reg. No. 1021-			2	Date 13-Sep-02
			DATA MATRIX		The second second second	
					washington, DC 20460. Do not send the form to this address.	Washington, DC 20460. Do n



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		DATA MATRIX			
Date 13-Sep-02			EPA Reg. No. 1021-		Page 2 of 2
Applicant's/Registrant's Name & Address	Address		Product		
McLaughlin Gorr	McLaughlin Gormley King Company		MULT	ICIDE® Fogg	MULTICIDE® Fogging Concentrate 2798
8810 Tenth Avenue North	nue North				
Minneapolis, MN 55427	1 55427				
Ingredient SUMITHRIN®; P	SUMITHRIN®; Piperonyl Butoxide, ETOC®				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-6	Boiling Point (5)	Vol. 9 of 9	1021	NWO	
63-7	Density, Bulk Density, or Specific Gravity	Vol. 9 of 9	1021	NWO	
63-8	Solubility	Vol. 9 of 9	1021	NWO	
63-9	Vapor pressure	Vol. 9 of 9	1021	NWO	
63-10	Dissociation Constant	Vol. 9 of 9	1021	NWO	
63-11	Octano/Water Partition Coefficient (6)	Vol. 9 of 9	1021	NWO	
63-12	PH (7)	Vol. 9 of 9	1021	NWO	
63-13	Stability	Vol. 9 of 9	1021	NWO	
63-14	Oxidizing/Reducing Reaction (8)	Vol. 9 of 9	1021	NWO	
63-15	Flammability (9)	Vol. 9 of 9	1021	NWO	
63-16	Explodability (10)	Vol. 9 of 9	1021	NWO	
63-17	Storage Stability • •	<ul> <li>Jnderway</li> </ul>	1021	NWO	
63-18	Viscosity (11)	Vol. 9 of 9	1021	NWO	
63-19	Miscibility (12)	Vol. 9 of 9	1021	NWO	
63-20	Corrosion Characteristics	Vol. 9 of 9	1021	NWO	
63-21	Dielectric Breakdown Voltage (13)	V d 9 d 9	1021	NWO	
Signature	July & Charles	::	Name and Title		Date
	sum o sincerna		Julie Schlekau, Registration Specialist	tration Specialist	13-Sep-02

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Signature																		Guideline Reference Number	Ingredient SU	M	88	Mc	Applicant's/Regis	Date		Washington, DC 2
Auhre & Schlekan	• • • • • • • • • • • • • • • • • • • •	***																ance Number Guideline Study Name	SUMITHRIN®; Piperonyl Butoxide, ETOC®	Minneapolis, MN 55427	8810 Tenth Avenue North	McLaughlin Gormley King Company	Applicant's/Registrant's Name & Address	13-Sep-02		Washington, DC 20460. Do not send the form to this address.
:		***			***													MRID Number							DATA MATRIX	
Name and Title Julie Schlekau, Registration Specialist	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	Submitter				MULTIC	Product	EPA Reg. No. 1021-		
ition Specialist	OWN	NWO	OWN	OWN	NWO	NWO	NWO	NWO	NWO	OWN	OWN	NWO	OWN	OWN	NWO	NWO	NWO	Status				IDE® Foggi				
Date 13-Sep-02																		Note				MULTICIDE® Fogging Concentrate 2798		Page 1 of 2		

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		Signature																	Guideline Re	Ingredient			Applicant's/F	Date	wasimigton,	Wachington
EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper versions	Line Dinklay	1110011																	Guideline Reference Number Guideline Study Name MRI	SUMITHRIN®; Piperonyl Butoxide, ETOC®	Minneapolis, MN 55427	8810 Tenth Avenue North	Applicant's/Registrant's Name & Address	13-Sep-02		Washington DC 20460. Do not send the form to this address.
Paper version			**		•														MRID Number						DATA MATRIX	
	Julie Schlekau, Registration Specialist	Name and Title	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	1021	Submitter				Product	EPA Reg. No. 1021-	1	
Public File Copy	ration Specialist		NWO	Status			000																			
в Сору	13-Sep-02	Date																	Note			MOLLICIDE CARRIED COLLOCITION FLOOR	ing Concentrate 2708	Page 2 of 2		



## UNITED STATES EN "RONMENTAL PROTECTION AGENCY M Street, S.W. WASHINGTON, D.C. 20460



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		DATA	DATA MATRIX			
Date	9/13/02		EPA Reg. No./File Symbol	1021-	Page 1 of 12	
Applicant's/Registrant's Name & Address	& Address		Product			
McLaughlin Gormley King Company 8810 Tenth Avenue North	mpany		MULTICIDE® Fogging Concentrate 2798	ncentrate 2798		
Ingredient	Piperonyl Butoxide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
61-1		41029601	1021	21 Own		
		40175001	1021	21 Own		
		148851	.01	1021 Own		
		148852	1021	21 Own		
61-2(a)	Begin. Mat. & Mnfg. Proc.	149079	1021	21 Own		
		148851	01	1021 Own		
		148852	1021	21 Own		:
		40136701	01	1021 Own		
		42497101	1021	21 Own		:
61-2(b)	Discussion of Impurities	42497101	1021	21 Own		
		40175001	1021	21 Own		
		148851	01	1021 Own	•	
		148852	1021	21 Own		:
62-1	Preliminary Analysis	43288601	10	1021 Own		•
		42497101	10	1021 Own		•
		40175001	10	1021 Own		•
		148851	10	1021 Own		
		148852	10	1021 Own		
62-2	Certification of Limits	43288601	01	1021 Own		
		42497101	1021	21 Own		
		40935801	10	1021 Own		
		148851	10	21 Own		
		148852	10	1021 Own		
62-3	Analytical Method	41029601	1021	21 Own		
		148851	1021	21 Own		
Signature	70100		Name and Title		Date	
Luke	- whe (3) chlikan		Julie B. Schlekau  Registration Specialist		9/13/02	
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WASHINGTON, D.C. 20460

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		DATA	DATA MATRIX			
Date	9/13/02		EPA Reg. No./File Symbol	1021-	Page 2 of	12
Applicant's/Registrant's Name & Address	& Address		Product			
McLaughlin Gormley King Company	mpany					
8810 Tenth Avenue North Minneapolis, MN 55427			MULTICIDE® Fogging Concentrate 2798	centrate 2798		
Ingredient	Piperonyl Butoxide					
Guideline Reference Number		MRID Number	Submitter	Status	Note	
62-3 (con't)		148852	1021	1 Own		
63-2	Color	40955501	1021	1 Own		
		42142801	102	1021 Own		
63-3	Physical State	40955501	102	1021 Own		
		42142801	102	1021 Own		
63-4	Odor	40955501	102	1021 Own		•••••
		42142801	102	1021 Own		•
63-5	Melting Point	40935301	102	1021 Own		
		40955501	102	1021 Own	•	•
63-6	Boiling Point	43288601	102	1021 Own	•	
		40955501	102	1021 Own	•	•
63-7	Density	40955501	102	1021 Own		:
		42142801	102	1021 Own		••••
63-8	Solubility	43288601	102	1021 Own		• • • • •
		41198201	6604	66045 Own		
		41172301	102	1021 Own		
63-9	Vapor Pressure	40955501	6604	66045 Own		
		42142801	102	1021 Own		
63-10	Dissociation Constant	40935301	102	1021 Own		
		40955501	102	1021 Own		
63-11	Oct/Water Partition Coef.	43288601	102	1021 Own		
		42142801	102	1021 Own		
		41198202	6604	66045 Own		
		41172302	102	1021 Own		
		41198202	102	1021 Own		
Signature	00111		Name and Title		Date	
24	July 3 schelley		Julie B. Schlekau		9/13/02	
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Date	9/13/02		EPA Reg. No./File Symbol	1021-	Page 3 of 12	
Applicant's/Registrant's Name & Address	& Address		Product			2 - 2 - 2 - 2
McLaughlin Gormley King Company 8810 Tenth Avenue North	npany		MULTICIDE® Fogging Concentrate 2798	ncentrate 2798		
Minneapolis, MN 55427						
Ingredient	Piperonyl Butoxide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
63-12	рH	40935301	10	1021 Own		
		40955501	10	1021 Own		
63-13	Stability	43780301	10	1021 Own		
		43288600	10	1021 Own		
		40955501	10	1021 Own		
63-14	Oxidizing/Reduction Action	40935301	10	1021 Own		•
		40955501	10	1021 Own		
63-15	Flammability	40935301	10	1021 Own	•	
		40955501	10	1021 Own		•
63-16	Explodability	40935301	10	1021 Own		•
		40955501	10	1021 Own	:	
63-17	Storage Stability	40935301	10	1021 Own		:
		40955501	10	1021 Own		
63-18	Viscosity	40935301	10	1021 Own		
		40955501	10	1021 Own		
63-19	Miscibility	40935301	10	1021 Own		
		40955501	10	1021 Own		
63-20	Corrosion Characteristics	40935301	10	1021 Own		
		40955501	10	1021 Own		
63-21	Dielectric Breakdown Volt	40955501	10	1021 Own		
71-1(a)	Acute Avian Oral Quail/Duck	41969008	999	66045 Own		
71-2(a)	Acute Avian Diet. Quail	41969006	999	66045 Own		
		41969008	999	66045 Own		
71-2(b)	Acute Avian Diet. Duck	41969007	999	66045 Own		
Signature /	1110011		Name and Title		Date	
I'm	un 12 schellau		Julie B. Schlekau Registration Specialist		9/13/02	
EDA Form 8570 25 (0.07) Electronic and Dance Versions	naturally and Danas analogo and lobb of	the it only Donor womion	c		11000	



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Date	9/13/02		EPA Reg. No./File Symbol	1021-	Page 4	of 12
Applicant's/Registrant's Name & Address	ne & Address		Product			
McLaughlin Gormley King Company	ompany		MULTICIDE® Fogging Concentrate 2798	ncentrate 2798		
8810 Tenth Avenue North Minneapolis, MN 55427						
Ingredient	Piperonyl Butoxide					
Guideline Reference Number		MRID Number	Submitter	Status	Note	
71-4(a)	Avian Repro. Quail	43876301	660	66045 Own		
71-4(b)	Avian Repro. Duck	43876302	660	66045 Own		
72-1(a)	Fish Toxicity Bluegill	42540302	660	66045 Own		
		40991205	660	66045 Own		
72-1(b)	Fish Toxicity Bluegill TEP			Gap		
72-1(c)	Fish Toxicity Rainbow	42540303	660	66045 Own		
		40991205	660	66045 Own		••••
72-1(d)	Fish Toxicity Rainbow TEP			Gap		
72-2(a)	Invertebrate Toxicity	42540301	660	66045 Own		
		40991209	660	66045 Own		•
72-2(b)	Invertebrate Toxicity TEP			Gap		
72-3(a)	Estu/Mari Tox. Fish	42540304	660	66045 Own		
72-3(b)	Estu/Mari Tox. Mollusk	42540305	660	66045 Own		•
		40991211	660	66045 Own		
72-3(c)	Estu/Mari Tox. Shrimp	43901801	660	66045 Own		
		42540306	660	66045 Own		
72-3(d)	Estu/Mari Tox. Fish TEP			Gap		
72-3(e)	Estu/Mari Tox. Mollusk TEP			Gap		
72-3(f)	Estu/Mari Tox. Shrimp TEP			Gap		
72-4(a)	Early Life Stage Fish	43300301	660	66045 Own		
72-4(b)	Life Cycle Invertebrate	43311301	660	66045 Own		
		42538801	660	66045 Own		
		42335901	660	66045 Own		
81-1	Acute Oral Tox. Rat	41969001	660	66045 Own		
Signature	11. 18. 10. 60		Name and Title		Date	
)	and schusery		Registration Specialist		9/13/02	

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EPA Reg. No./File Symbol   1021-	9/13/02	9/1		Julie B. Schlekau Registration Specialist		Anhel Ichleran	
### STRING   Page 10.71   Page 5 of 12   ### STREET   Page	le	Date		Name and Title		1100106	Signature
### State   Product   Product   Page 5 of 12   ### State   Product   Product   Page 5 of 12   ### Piperonyl Butoxide   Product   Product   Product   ### Acute Dermal Tox. Rabbit   Acute Inhal. Tox. Rat   A196002   Acute Inhal. Tox. Rat   A196003   A237701   A2		Н	6045 Own	6	161118	2-Generation Repro.	83-4
### MATRIX   9/13/02   EPA Reg No.File Symbol   1021-   Page 5 of 12			Gap		157157	Teratogenicity - Rabbit	83-3(b)
Status   S			6045 Own	6	42380801		
### AIT NATE NATE   1021   Page 5 of 12   ### AIT NATE   Page 5 of			6045 Own	6	42586901	Teratogenicity - Rat	83-3(a)
Status   S			6045 Own	6	42511701		
Status   S			6045 Own	6	42641301		
Syl13/102   Syl13/102   Fage 5 of 12			6045 Own	6	42903701		
Submitter   Product   Page 5 of 12			6045 Own	6	42978001	Ocogenicity - Mouse	83-2(b)
DATA MATRIX   EPA Reg. No./File Symbol   1021-   Page   5   of   12	•	-	6045 Own	6	40323701	Oncogenicity - Rat	83-2(a)
Piperonyl Butoxide			6045 Own	6	43992201		
DATA MATRIX           9/13/02         EPA Reg. No./File Symbol         1021-         Page 5 of 12           ame & Address         Product         EPA Reg. No./File Symbol         1021-         Page 5 of 12           Product         Product         Product         Product         Product         Product           Piperonyl Butoxide         MULTICIDE® Fogging Concentrate 2798         MULTICIDE® Fogging Concentrate 2798           Piperonyl Butoxide         MRID Number         Status         Note           Acute Dermal Tox. Rabbit         41969002         Status         Note           Acute Inhal. Tox. Rat         41969003         66045 Own         Note           Primary Eye Irritation         41969003         66045 Own         Gap           Pormal Sensitization         41969005         66045 Own         Gap           90-Day Feeding-Nonrodent         42218201         66045 Own         Gap           2-Day Dermal Rabbit         42218201         66045 Own         Own           90-Day Inhal. Rat         42218201         66045 Own         Own           Chronic Tox-Nonrodent         42323701         66045 Own         Own           Chronic Tox-Nonrodent         42926001         66045 Own         Own			6045 Own	6	42926002		
Prid   Prid   Page   S   Or   12   Page   S   Or   Or   Or   Or   Or   Or   Or			6045 Own	6	42926001	Chronic Tox-Nonrodent	83-1(b)
DATA MATRIX			6045 Own	6	40323701		
Piperonyl Butoxide			6045 Own	6	42511701	Chronic Tox-Rodent	83-1(a)
Status   Sudy Name   MRID Number   Submitter   Sudy Name   No. Rat   No. R	•		6045 Own	6	42477101	90-Day Inhal. Rat	82-4
Priperonyl Butoxide			6045 Own	6	42218201	21-Day Dermal Rabbit	82-2
Submitter   Study Name   Status   Sta	••••		Gap			90-Day FeedingNonrodent	82-1(b)
DATA MATRIX   EPA Reg. No./File Symbol   1021-   Page 5 of 12			Gap			90-Day Feeding-Rodent	82-1(a)
Submitter   Study Name   Acute Inhal. Tox. Rat   Primary Eye Irritation   Primary Dermal Irritation   Page   Atlanta   Page	•••••		6045 Own	6	41969005	Demal Sensitization	81-6
DATA MATRIX           9/13/02         EPA Reg. No./File Symbol         1021-         Page 5 of           ame & Address         Product         Product           Company         MULTICIDE® Fogging Concentrate 2798           Piperonyl Butoxide         MULTICIDE® Fogging Concentrate 2798           Per Guideline Study Name         MRID Number         Submitter         Status         Note           Acute Inhal. Tox. Rabbit         41969002         Submitter         66045         Own         Note           Primary Eye Irritation         41969004         66045         Own         Company	••••		6045 Own	6	41969003	Primary Dermal Irritation	81-5
DATA MATRIX           9/13/02         EPA Reg. No./File Symbol         1021-         Page 5 of           ame & Address         Product           Company         MULTICIDE® Fogging Concentrate 2798           Piperonyl Butoxide         MULTICIDE® Fogging Concentrate 2798           Priperonyl Butoxide         Status         Note           Acute Dermal Tox. Rabbit         MRID Number Submitter         Submitter         66045 Own         Note           Acute Inhal. Tox. Rat         41990001         66045 Own         Own		_	6045 Own	6	41969004	Primary Eye Irritation	81-4
Status   Page   Submitter   Submitter   Symbol   Tox. Rabbit   Address   Page   Submitter   Submitte			6045 Own	6	41990001	Acute Inhal. Tox. Rat	81-3
9/13/02   EPA Reg. No./File Symbol 1021- Page 5 of arme & Address   MULTICIDE® Fogging Concentrate 2798    Piperonyl Butoxide   MRID Number   Submitter   Status   Note   Note   Status   Note   Status   Note   Status   Note   N		_	6045 Own	6	41969002	Acute Dermal Tox. Rabbit	81-2
9/13/02   EPA Reg. No./File Symbol 1021-   Page 5 of ame & Address   MULTICIDE® Fogging Concentrate 2798    Piperonyl Butoxide	le	Not	Status	Submitter		Guideline Study Name	Guideline Reference Numb
9/13/02 EPA Reg. No./File Symbol 1021- Page 5 of Product  Company MULTICIDE® Fogging Concentrate 2798			The same of the same	The second way we seek the state of the second	The second secon	Piperonyl Butoxide	Ingredient
9/13/02 EPA Reg. No./File Symbol 1021- Page 5 of Product  Company MATRIX  MULTICIDE® Fogging Concentrate 2798							Minneapolis, MN 55427
Incomplete the state of the sta							8810 Tenth Avenue North
9/13/02 Page 5 of Cant's/Registrant's Name & Address Product			oncentrate 2798	MULTICIDE® Fogging C		Company	McLaughlin Gormley King (
9/13/02 DATA MATRIX    Page 5 of   Page 5				Product		me & Address	Applicant's/Registrant's Nar
DATA MATRIX	5 of	Pag	1021-	EPA Reg. No./File Symbol		9/13/02	Date
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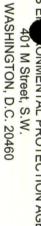
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Applicant's/Registrant's Name & Address	me & Address		Product			
McLaughlin Gormley King Company	Company		MULTICIDE® Fogging Concentrate 2798	centrate 2798		
8810 Tenth Avenue North						
Minneapolis, MN 55427						
Ingredient	Piperonyl Butoxide					
Guideline Reference Number   Guideline Study Name	er Guideline Study Name	MRID Number	Submitter	Status	Note	
84-2(a)	Gene Mutation-Ames	41969010	6604	66045 Own		
		42004502	6604	66045 Own		
84-2(b)	Struct. Chrom. Aberrat	43013801	6604	66045 Own		
		42004501	6604	66045 Own		
84-4	Unscheduled DNA	41969011	6604	66045 Own		
		42004503	6604	66045 Own		:
85-1	General Metabolism	41998401	6604	66045 Own		
		41998701	6604	66045 Own	•	
132-1(a)	Foliar Residue Dissipation			Gap		
132-1(b)	Soil Residue Dissipation			Reserved	•	•
133-3	Dermal Passive Dosimet			Gap	:	
133-4	Inhal. Passive Dosimet		6604	66045 Waived		
141-1	Honey Bee Acute Contact	41969009	6604	66045 Own		
160-5	Chemical Identity	41029601	6604	66045 Own		
		40955501	6604	66045 Own		
		40175001	6604	66045 Own		::
161-0	Henry's Law Constant	42015801	6604	66045 Own		
		42490204	6604	66045 Own		
161-1	Hydrolysis	43595601	6604	66045 Own		
161-2	Photodegradation-Water	43637201	6604	66045 Own		
161-3	Photodegradation-Soil	43702801	66045	5 Own		
161-4	Photodegradation-Air			Inapplicable		
162-1	Aerobic Soil Metabolis	43806401	66045			
162-2	Anaerobic Soil Metabol		6604	66045 Waived		
Signature	Lake Skotan		Name and Title		Date 9/13/02	
			Registration Specialist		9	
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Date	9/13/02		EPA Reg. No./File Symbol	1021-	Page 7 of	f 12
Applicant's/Registrant's Name & Address	& Address		Product			
McLaughlin Gormley King Company	mpany		MULTICIDE® Fogging Concentrate 2798	entrate 2798		
Minneapolis, MN 55427						
Ingredient	Piperonyl Butoxide					
Guideline Reference Number		MRID Number	Submitter	Status	Note	
162-3	Veta	43836501	6604	66045 Own		
162-4	Aerobic Aquatic Metab.	43803401	6604	66045 Own		
163-1	Leach/Adsorp/Desorption	43673801	6604	66045 Own		
		43673802	6604	66045 Own		
		42526301	6604	66045 Own		•
	AND THE PERSON OF THE PERSON O	42490203	6604	66045 Own		•
		41820301	6604	66045 Own		
163-2	Volatility-Lab			Inapplicable	••	
163-3	Bolatility-Field			Inapplicable		
164-1	Terrestrial Field Dissipation	43838401	6604	66045 Own	:	
164-2	Aquatic Field Dissipation	43838402	6604	66045 Own		:
164-3	Forest Field Dissipation			Reserved	:	•••
164-5	Long Term Soil Dissipation			Reserved	••	
165-1	Confined Rotational Crop			Gap		
165-3	Accumulation - Irrig. C			Reserved		
165-4	Bioaccumulation in Fish	42538803	6604	66045 Own		• • • •
		42404401	6604	66045 Own		
165-5	Bioaccum-Aquatic Non-Target			Reserved		
166-1	Grd Water-Small Prospe			Reserved		
166-2	Grd Water-Sm. Retrospe			Reserved		
166-3	Grd Water-Irg Retrospe			Reserved		
171-2	Chemical Identity	41029601	6604	66045 Own		
		40955501	6604	66045 Own		
		40175001	6604	66045 Own		
Signature	111111		Name and Title		Date	
2	Ante D) chellan	1	Julie B. Schlekau		9/13/02	
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3/02	Date 9/13/02	Name and Title Julie B. Schlekau Registration Specialist		Inhe & Schlikan	Signature
		Gap		Mag. Of Res. Irrigated	171-4(h)
		Gap		Mag. Of Res. In Fish	171-4(g)
		66045 Own	43125701	Mag. Of Res. Potable H	171-4(f)
		Gap		Storage Stability	171-4(e)
		Gap		Res. Analyt. Method	171-4(d)
		66045 Own	43971301	Res. Analyt. Method	171-4(c)
••		66045 Own	42032302		
••••		66045 Own	42032301		
		66045 Own	40772501		
		66045 Own	40930502		
		66045 Own	40930501		
		66045 Own	43643201		
		66045 Own	43712601	Nature of Residue-Li	171-4(b)
		66045 Own	43227703		
••••		66045 Own	43227702		
		66045 Own	43227701		
		66045 Own	43832903		
••••		66045 Own	43832902		
		66045 Own	43832901		
		66045 Own	43946802		
		66045 Own	43946801	Nature of Residue-Pl	171-4(a)
	Note	Status	MRID Number Submitter	Guideline Study Name	Guideline Reference Number Guideline Study Name
				Piperonyl Butoxide	Ingredient
					Minneapolis, MN 55427
					8810 Tenth Avenue North
		MULTICIDE® Fogging Concentrate 2798	MULTIC	ompany	McLaughlin Gormley King Company
			Product	e & Address	Applicant's/Registrant's Name & Address
8 of 12	Page	EPA Reg. No./File Symbol 1021-	EPA Reg.	9/13/02	Date
			DATA MATRIX		

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Butoxide  Rudy Name  MRID Nu Res. Food Hand  MRID Nu Res. Food Hand  MRID Nu Res. Food Hand  MRID Nu Res. Food Hand  M	Date 9/13/02	66045 Own 66045 Own	660  Name and Title  Julie B. Schlekau  Registration Specialist	43292801 43292801	Cabbage  Cabbage  Cabbage  Cabbage	Signature
Product   Product   Product   Product   Product   Product		045 Own 045 Own	660	43470702 43371901 43371901	Blackberry Blueberry	
Piperonyl Butoxide		)45 Own	660	43470704 43942401	Beans, Succulent	
S Name & Address   EPA Reg. No./File Symbol   1021-   Page 9 of 12	•••	)45 Own )21 Own	10	43470704 44249301	Beans, Dried	171-4(k)
Sylame & Address   Product   Product		045 Own 045 Own	660	44166203 43869702		
S Name & Address   Product   Page 9 of 12		45 Own 45 Own	660 660	42009805 43869701	Mag. Meat/Milk/Poultry	171-4(j)
MAID Number   Guideline Study Name   Mag. Of Res. Food Hand   41998201   41998201   42009801   42		045 Own	660	42009803 42009804		
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9/13/02 EPA Reg. No./File Symbol 1021- Page 9 of s Name & Address Product  Ing Company  Piperonyl Butoxide  Mag Of Res. Food Hand  MRID Number Submitter Submitter Status Note	•	)45 Own )45 Own )45 Own	660 660	41998202 41998203 41998203 41998204	mag. Of root land	
9/13/02 EPA Reg. No./File Symbol 1021- Page 9 of s Name & Address Product  Ing Company MULTICIDE® Fogging Concentrate 2798  Piperonyl Butoxide	Note	Status		8201	_	Guideline Reference Nu 171-4(I)
9/13/02 EPA Reg. No./File Symbol 1021- Page 9 of cant's/Registrant's Name & Address Product		ncentrate 2798	MULTICIDE® Fogging Co		Com	McLaughlin Gormley Ki 3810 Tenth Avenue No Minneapolis, MN 55427 ngredient
9/13/02   EPA Reg. No./File Symbol 1021-   Page 9 of			Product		Name & Address	Applicant's/Registrant's
	9 of	1021-	EPA Reg. No./File Symbol	DAIA	9/13/02	Date



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Date         9/13/02         DATA MATRIX         Product Files Symbol         1021.         Page 10 of 12           Applicant's Registrant's Name & Address         Applicant's Registrant's Name & Address         Product         Product         1021.         Page 10 of 12           McLaughin Gornley Ming Company         B810 Tenth Avenue North         MULTICIDE® Fogging Concentrate 2798         MULTICIDE® Fogging Concentrate 2798           Mineral State         Piperonyl Buloxide         Junior         Submitter         Siahus         Note           Coldsine Study Name         Junior         43901804         Submitter         Siahus         Note           Coldsine Study Name         Junior         43901804         Submitter         Siahus         Note           Cotton         Caracherry         43901804         Submitter         Siahus         Note           Cotton         Caracherry         43901801         66045 Own         Sound         Sound           Cotton         43901801         66045 Own         Sound         Sound         Sound           Cotton         43901801         66045 Own         Sound         Sound         Sound           Grapheruit         4391801         66045 Own         Sound         Sound         Sound         Sound         S	2						
Straightant's Name & Andrews   9/13/02   EPA Reg. No.File Symbol   1021-   Page 10 of 12		9/13/02		Julie B. Schlekau		Line 18 Shaken	,
PI 3/02   EPA Raga, No./File Symbol   1021.   Page 10 of 12		Date		Name and Title			Signature
PIATURE   PARTIENT   Page 10 of 12			6045 Own	19	43299301		
By13/02   EPA MATRIX   Page 10 of 12   Page 10 of 12			6045 Own	66	43901802	Peppers (bell/chili/sweet)	
Pit302   Page 10 of 12   Page 10 of 12			3045 Own	60	43470704	Peas, Succulent	
By13/02   BATA MARITY   Page 10 of 12			6045 Own	66	43470704	Peas, Dried	
Pigeronyl Butoxide			1021 Own		44249301	Pasturegrass	
Sy13/102   Symbol   1021   Page 10 of 12			6045 Own	66	43443401	Orange	
PI3002   Page 10 of 12   Page 10 of 12   Page 10 of 12			6045 Own	66	43292801	Mustard (greens)	
Pid3/02   Page 10 of 12   Page 10 of 12			6045 Own	66	43251401		
DATA MATRIX   Page 10 of 12			6045 Own	66	43903601	Melons, Cantaloupe	
DATA MATRIX   Page 10 of 12   Page 10 of 12   Product			1021 Own		70695		
DATA MATRIX   Page 10 of 12   Page 10 of 12   Product	•		1021 Own		44249301		
DATA MATRIX   Page 10 of 12   Product   Piperonyl Butoxide   Product   Piperonyl Butoxide   Product   Page 10 of 12   Piperonyl Butoxide   Product   Page 10 of 12   Piperonyl Butoxide   Product   Piperonyl Butoxide   Product   Piperonyl Butoxide   Piperonyl B			6045 Own	66	43232601		
DATA MATRIX   Page 10 of 12			6045 Own	6	43909301	Lettuce, Leaf	
Piperonyl Butoxide			6045 Own	6	43232601		
DATA MATRIX   Page 10 of 12			6045 Own	60	43909301	Lettuce, Head	
DATA MATRIX   Page 10 of 12			6045 Own	60	43443401	Lemon	
DATA MATRIX   Page 10 of 12			6045 Own	60	43371901	Grapes	
DATA MATRIX   Page 10 of 12			6045 Own	60	43443401	Grapefruit	
Separation   Status   Symbol   1021-   Page 10 of 12			6045 Own	60	43251401		
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Status   Submitter   Sudding Study Name   Study Name   Matrix   EPA Reg. No./File Symbol   1021-   Page 10 of	••••		6045 Own	60	43371901	Cranberry	
Status   S			6045 Own	6	43702401	Cotton	
Status   S			6045 Own	60	43232601		
Submitter   Status   Stat			6045 Own	60	43909301	Celery	
Status   Page 10 of   Page 10 of   Page 10 of   Page 10 of			6045 Own	6	43232601		
Piperonyl Butoxide   MRID Number   Submitter   Symbol   MRID Number   Submitter   Symbol   MATRIX   Page 10 of			6045 Own	99	43901804	Carrot	171-4(k)
9/13/02 EPA Reg. No./File Symbol 1021- Page 10 of ame & Address Product  Company MULTICIDE® Fogging Concentrate 2798  Piperonyl Butoxide		Note	Status	Submitter			Guideline Reference Number
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DATA MATRIX   Page 10 of							Minneapolis, MN 55427
IDATA MATRIX    Interest   Intere			oncentrate 2798	MULTICIDE® Fogging C	2		8810 Tenth Avenue North
DATA MATRIX   9/13/02   EPA Reg. No./File Symbol   1021-   Page 10 of cant's/Registrant's Name & Address   Product						mpany	McLaughlin Gormley King Co
9/13/02 DATA MATRIX    EPA Reg. No./File Symbol 1021-   Page 10 of				Product		e & Address	Applicant's/Registrant's Nam
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		DATA	DATA MATRIX			
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Applicant's/Registrant's Name & Address	& Address		Product			
McLaughlin Gormley King Company	mpany		MULTICIDE® Fogging Concentrate 2798	centrate 2798		
8810 Tenth Avenue North						
Minneapolis, MN 55427						
Ingredient	Piperonyl Butoxide					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
171-4(k)	Potato	43901804	660	66045 Own		
		43470702	660	66045 Own		
		44166201	660	66045 Own		
		43470702	660	66045 Own		
	Radish	43901804	660	66045 Own		
		43470702	660	66045 Own		
	Rice	70695	10	1021 Own		
		44249301	10	1021 Own		
	Sorghum	70695	10	1021 Own		
		44249301	10	1021 Own	••	
	Spinach	43909301	660	66045 Own		
		43232601	660	66045 Own		
	Squash (summer)	43903601	660	66045 Own		•
		43251401	660	66045 Own	*****	•
	Strawberry	43371901	660	66045 Own		
	Tomato	43901802	660	66045 Own		
		43299301	660	66045 Own		•••
	Turnip	70695	660	66045 Own		The state of the s
		44249301	10:	1021 Own		
171-4(I)	Beans, Dried	43942401	660	66045 Own		
		43470703	660	66045 Own		
	Beets, Sugar	43470705	660	66045 Own		
		43470703	660	66045 Own		
Signature	July & Challen		Name and Title Julie B. Schlekau		Date 9/13/02	
2	June Jenerary		Registration Specialist			

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Date         9/13/02         BAT ARTRX         Feature Regularer Regularer Name & Address         Page 12 of 12           Applicant's Regularer to Name & Address         Applicant's Regularer to Name & Address         ID21.         Page 12 of 12           McAughin Gorniely King Company         MRIO Name & Address         MULTICIDE® Fogging Concentrate 2798           Mindensity Mrior Subdy Name         A2738701         MULTICIDE® Fogging Concentrate 2798           Submitter         66045 Own         Status           Grappes         4370706         66045 Own           Folds         43707071         66045 Own           Polato         43707071         66045 Own           Reserved         43470701         66045 Own           Reserved         Reserved           Drift Field Evaluation         43470701         Reserved           Reserved         Reserved         Image: Address of the		-			K			
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DATA MATRIX           g/13/02         EPA Reg. No./File Symbol         1021-         Page 12 of 12           cant's/Registrant's Name & Address         Product           Tenth Avenue North           Tenth Avenue North         MULTICIDE® Fogging Concentrate 2798           dient         Piperonyl Butoxide           dient         Piperonyl Butoxide           dient Reference Number         Guideline Study Name           43738701         66045 Own           4370706         66045 Own           Cottonseed         43730601           43942201         66045 Own           Potato         43470705           43901803         66045 Own           66045 Own         43901803	••••		Own	66045	01	434707		
DATA MATRIX   Page 12 of 12   Cant's/Registrant's Name & Address   Product			Own	66045	03	439018	Tomato	
DATA MATRIX   Page 12 of 12   Cant's/Registrant's Name & Address   Product	• • • • • • • • • • • • • • • • • • • •		Own	66045	05	434707	Potato	
DATA MATRIX			Own	66045	01	439422	Grapes	
DATA MATRIX			Own	66045	01	437306	Cottonseed	
Submitter   Subm			Own	66045	06	434707		
Status   S			Own	66045	01	437387	Citrus Group	171-4(1)
pata Matrix 9/13/02   EPA Reg. No./File Symbol   1021-   Page   12 of   cant's/Registrant's Name & Address   Product   Product   Product   Tenth Avenue North   Page   12 of   Product   Product   MULTICIDE® Fogging Concentrate 2798   MULTICIDE® Fogging Concentrate 2798   MULTICIDE® Fogging Concentrate 2798   Product   Page   12 of   Pa		Note	Status		Submit	MRID Number		Guideline Reference Number
pata Matrix 9/13/02 EPA Reg. No./File Symbol 1021- Page 12 of cant's/Registrant's Name & Address Product  aughlin Gormley King Company Tenth Avenue North  apolis, MN 55427  Tenth Matrix  I DATA MATRIX  EPA Reg. No./File Symbol 1021- Page 12 of Product  MULTICIDE® Fogging Concentrate 2798							Piperonyl Butoxide	Ingredient
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8810 Tenth Avenue North Minneapolis, MN 55427		33			
Ingredient Piperonyl Butoxide					
Guideline Reference Number   Guideline Study Name	MRID Number	Submitter	Status	Note	
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		Registration Specialist			

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Status   S	Submitter   1021   Own   1021						
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	Registration Specialist		
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Date			Signature
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	1021 Own		
Note	Submitter Status	MRID Number S	Guideline Reference Number   Guideline Study Name
			Ingredient Piperonyl Butoxide
			Minneapolis, MN 55427
			8810 Tenth Avenue North
	MULTICIDE® Fogging Concentrate 2798	7	McLaughlin Gormley King Company
	Product		Applicant's/Registrant's Name & Address
Page 3 of 12	EPA Reg. No./File Symbol 1021-		Date 9/13/02
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WASHINGTON, D.C. 20460

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	DAT	DATA MATRIX			
Date 9/13/02		EPA Reg. No./File Symbol	1021-	Page 4 of 12	
Applicant's/Registrant's Name & Address		Product			
McLaughlin Gormley King Company		MULTICIDE® Fogging Concentrate 2798	centrate 2798		
8810 Tenth Avenue North					
Minneapolis, MN 55427					
Ingredient Piperonyl Butoxide					
Guideline Reference Number   Guideline Study Name	MRID Number	Submitter	Status	Note	
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401 M Street, S.W. WASHINGTON, D.C. 20460

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MULTICIDE® Fogging Concentrate 2798  ### Mode and Title	Date 9/13/02 Applicant's/Registrant's Name & Address	DAT	EPA Reg. No./File Symbol Product	1021-	Page 5	of 12
March   Submitter   Submitte	McLaughlin Gormley King Company		MULTICIDE® Fogging Con-	centrate 2798		
Piperonyl Bulloxide   MRID Number   Submitter   66045   Own   Ow	Minneapolis, MN 55427					
Reference Number         Guideline Study Name         MRID Number         Status         Note           66045   Own         66045   Own         66045   Own         66045   Own         66045   Own           66045   Own         66045   Own         66045   Own         66045   Own         66045   Own           66045   Own         66045   Own         66045   Own         66045   Own         66045   Own           66045   Own         66045   Own         66045   Own         66045   Own         66045   Own         66045   Own           66045   Own<						
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Julie B. Schlekau Registration Specialist			Name and Title		Date	
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Note	Status	Submitter	MRID Number	Guideline Reference Number   Guideline Study Name
				Ingredient Piperonyl Butoxide
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				8810 Tenth Avenue North
	itrate 2798	MULTICIDE® Fogging Concentrate 2798		McLaughlin Gormley King Company
		Product		Applicant's/Registrant's Name & Address
Page 6 of 12	1021- Pa	EPA Reg. No./File Symbol		Date 9/13/02
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Washington, DC 20460. Do not send the form to this address.					
Date 9/13/02		EPA Reg. No./File Symbol	1021-	Page 7 of 12	
Applicant's/Registrant's Name & Address		Product			
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8810 Tenth Avenue North					
Minneapolis, MN 55427					
Ingredient Piperonyl Butoxide					
Guideline Reference Number   Guideline Study Name	MRID Number	Submitter	Status	Note	
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			Minneapolis, MN 55427
			8810 Tenth Avenue North
	MULTICIDE® Fogging Concentrate 2798	M	McLaughlin Gormley King Company
	Product	Pri	Applicant's/Registrant's Name & Address
Page 8 of 12	EPA Reg. No./File Symbol 1021-	EP	Date 9/13/02
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9/13/02	EPA Reg. No./File Symbol 1021-	Page 9 of 12
Applicant's/Registrant's Name & Address	Product	
McLaughlin Gormley King Company	MULTICIDE® Fogging Concentrate 2798	
8810 Tenth Avenue North		
Minneapolis, MN 55427		
Ingredient Piperonyl Butoxide		
Guideline Reference Number   Guideline Study Name   MRID Number	Submitter Status	Note
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DATA	DATA MATRIX			
Date 9/13/02	EPA Reg. No./File Symbol	1021-	Page 10 of 12	
Applicant's/Registrant's Name & Address	Product			
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### UNITED STATES EN MASHINGTON, D.C. 20460 RONMENTAL PROTECTION AGENCY

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Guideline Reference Number   Guideline Study Name   MRID Number   Submitter	nitter	Status	Note	
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401 M Street, S.W. WASHINGTON, D.C. 20460

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EPA Reg. No./File Symbol 1021-	Page 12 of 12
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MULTICIDE® Fogging Concentration 2798

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A.

TELEPHONE (763) 544-0341

[]denotes alternate language

A Quick Knockdown, Oil Soluble Synergized Synthetic Pyrethroid for Effective Control of Adult MOSQUITOES, GNATS, BITING AND NON-BITING MIDGES, BLACKFLIES and other BITING FLIES in Outdoor Residential and Recreational Areas.

For Application Only By Public Health Officials and Trained Personnel of Mosquito Abatement Districts and other Mosquito Control Programs.

### ACTIVE INGREDIENTS:

- Equivalent to 4.00% (butylcarbityl) (6-propylpiperonyl) ether and 1.00% related compounds
- \*\* Contains petroleum distillate

Contains 0.074 pounds of Technical Prallethrin/Gallon, 0.37 pounds of Technical Sumithrin®/Gallon and 0.37 pounds of Technical Piperonyl Butoxide/Gallon.

MULTICIDE® - Registered trademark of McLaughlin Gormley King Company Sumithrin® -Registered trademark of Sumitomo Chemical Company, Ltd.

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente

### FIRST AID

### NOTE TO PHYSICIAN

Contains Petroleum distillates – vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-868-740-8712

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Wash thoroughly with scap and water after handling. Do not induce vomiting because of aspiration pneumonia hazard

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly over water except when used over water for control of specified insects on label. Do not contaminate untreated water by cleaning of equipment. Cleaning of equipment or disposal of wastes must be done in a manner that avoids contamination of bodies of water or wetlands

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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### MGN CUMPANI

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

IN CALIFORNIA: This product is to be applied by County Health Department, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District personnel only.

PROHIBITION ON AERIAL USE: Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

Wear long sleeved shirt and long pants, socks and shoes.

MULTICIDE® Fogging Concentrate 2798 cannot be diluted in water. 'Dilute this product with a suitable solvent, such as light mineral oil, if dilution is preferred.

USE AREAS: For use in mosquito adulticiding programs involving outdoor residential and recreational areas such as, but not limited to, mosquito abatement districts, municipalities, urban, suburban and rural areas. For best results, apply when mosquitoes are most active and meteorological conditions are conducive to keeping the spray cloud close to the ground, such as when air temperature inversion is present. Do not apply when wind speeds exceed 10 mph.

GROUND U.L.V. APPLICATION: To control Mosquitoes and other listed insects, apply MULTICIDE® Fogging Concentrate 2798 using any standard U.L.V. ground applicator capable of producing a non-thermal aerosol spray with a mass median diameter (MMD) of 5 to 25 microns. Apply ILTICIDE® Fogging Concentrate 2798 at a flow rate of 1.2 to 7.5 fluid ounces per minute at an average vehicle speed of 10 mph using a swath width 300 feet for acreage calculations (see chart below). Under normal residential conditions a flow rate of 4.5 fluid ounces per minute is recommended. If a different vehicle speed is used, adjust rate accordingly. These rates are equivalent to 0.0003 to 0.0008 pounds of Prallethrin and 0.0012 to 0.0036 pounds of Sumithrin® and Piperonyl Butoxide per acre. Vary flow rate according to vegetation density and mosquito population. Use higher flow rate in heavy vegetation or when populations are high. For proper application, mount the applicator so the nozzle is at least 4 ½ feet above ground level and directed out the back of the vehicle. Failure to follow the above directions may result in reduced effectiveness. MULTICIDE® Fogging Concentrate 2798 may also be diluted with a suitable solvent such as mineral oil and applied by GROUND U.L.V. equipment so long as 1.24 fluid ounces per acre of MULTICIDE® Fogging Concentrate 2798 is not exceeded. Refer to the table on following page for flow rate calculations for diluted end-use formulations of MULTICIDE® Fogging Concentrate 2798.

	Pounds a.i./Acre		MFC 2798	Flow Rates in fluid oz./minute at truck speeds of						
Prallethrin	Sumlthrin	PBO	FI. oz/Acre	5 MPH	10 MPH	15 MPH	20 MPH			
0.0008	0.0036	0.0036	1.24	3.8	7.5	11.3	15.0			
0.0005	0.0022	0.0022	0.75	2.3	4.5	6.8	9.1			
0.0004	0.0018	0.0018	0.62	1.9	3.8	5.6	7.5			
0.0003	0.0012	0.0012	0.41	1.2	2.5	3.7	5.0			

MULTICIDE® Fogging Concentrate 2798 may be applied undiluted with a non-thermal ULV portable "backpack" or hand-held spray unit capable of delivering droplets in the 5 to 25 micron range. Apply at a walking speed of 2 mph, ensuring that maximum application rates are not exceeded.

AERIAL APPLICATION: Aerial applications should be done by suitable aerial U.L.V. equipment capable of producing droplets with a MMD of 30 prons or less with no more than 2.5% exceeding 100 microns. Flow rate and swath width should be set so as to achieve 0.41 to 1.24 fluid ounces of MULTICIDE® Fogging Concentrate 2798 per acre. Examples of application systems include: FLAT FAN NOZZLES: Conventional agricultural nozzles (standard flat fan) may not produce droplets within the appropriate size spectrum (MMD). If these nozzles are used, they should be oriented 135° forward and size limited to a spray tip number (representing spray volume) according to aircraft application speed. For example, for application speeds between 60 – 170 mph, use nozzle tips numbering 0005 to 001 (0.05 to 0.1 gallons per minute at 40 psi). For application speeds in excess of 170 mph, nozzle tip numbers up to 004 (0.4 gpm at 40 psi) may be used. ROTARY ATOMIZERS: Rotary atomizers should be set to deliver a maximum RPM using the cage mesh or plastic sleeve available from the manufacturer to produce a MMD of 30 microns or less with no more than 2.5% exceeding 100 microns. Other ULV application systems producing droplets within specifications may be used as long as 1.24 fluid ounces of MULTICIDE® Fogging Concentrate 2798 per acre is not exceeded.

MULTICIDE® Fogging Concentrate 2798 may also be diluted with a suitable solvent such as mineral oil and applied by aerial U.L.V. equipment so long as 1.24 fluid ounces per acre of MULTICIDE® Fogging Concentrate 2798 is not exceeded. Refer to the table on following page for flow rate calculations for diluted end-use formulations of MULTICIDE® Fogging Concentrate 2798.

MULTICIDE® Fogging Concentrate 2798 (Prallethrin + Sumithrin + PBO) Formulation Dilution Table

Undituted MULTICIDE® Fogging Concentrate 2798

Dosage	Po	unds a.l. /Ac	re	%	MFC 2798	Flow Rates	n fluid oz./mir	ute at truck sp	eeds of.
Description	Prallethrin	Sumithrin	РВО	Conc.	Conc. Oz./Acre	5 MPH	10 MPH	15 MPH	20 MPH
High Population	0.0008	0.0036	0.0036	5.0	1.24	3.8	7.5	11.3	- 45:0
Recommended	0.0005	0.0022	0.0022	5.0	0.75	2.3	4.5	6.8	•• 9.4
Light Desulation	0.0004	0.0018	0.0018	5.0	0.62	1.9	3.8	5.6	7.5
Light Population	0.0003	0.0012	0.0012	5.0	0.41	1.2	2.5	3.7	5.0

**Dilution Calculations** 

Dosage	Pounds a.i. /Acre					Flow Rates in fluid oz./minute at truck speeds of:				
escription	Prallethrin	Sumithrin	РВО	Conc. *	Conc.	finished spray/ Acre	5 MPH	10 MPH	15 MPH	20 MPH
High Population	0.0008.	0.0036	0.0036	4.0	1,55	4.7	9.4	14.1	18.8	
Recommended	0.0005	0.0022	0.0022	4.0	0.94	2.8	5.7	8.5	11.4	
Links Danislation	0.0004	0.0018	0.0018	4.0	0.78	2.3	4.7	7.0	9.4	
Light Population	0.0003	0.0012	0.0012	4.0	0.52	1.6	3.2	4.7	6.3	

Dosage	Pounds a.i. /Acre					Flow Rates in fluid oz./minute at truck speeds of:				
Description	Prallethrin	Sumithrin	РВО	Conc. *	Conc.	Finished spray/Acre	5 MPH	10 MPH	15 MPH	20 MPH
High Population	0.0008	0.0036	0.0036	3.0	2.07	6.3	12.5	18.8	25.1	
Recommended	0.0005	0.0022	0.0022	3.0	1.25	3.8	7.6	11.4	15.2	
Links Decidation	0.0004	0.001B	0.0018	3.0	1.04	3.1	6.3	9.4	12.5	
Light Population	0.0003	0.0012	0.0012	3.0	0.69	2.1	4.2	6.3	8.4	

Dosage	Pounds a.i. /Acre			%	Fluid oz.	Flow Rates in fluid oz./minute at truck speeds of:				
Description	Prallethrin	Sumithrin	PBO	Conc. *	Finished spray/Acre	5 MPH	10 MPH	15 MPH	20 MPH	
High Population	0.0008	0.0036	0.0036	2.0	3.10	9.4	18.8	28.2	-	
Recommended	0.0005	0.0022	0.0022	2.0	1.88	5.7	11.4	17.0	22.7	
Light Denulation	0.0004	0.0018	0.0018	2.0	1.55	4.7	9.4	14.1	18.8	
Light Population	0.0003	0.0012	0.0012	2.0	1.03	3.1	6.2	9.4	12.5	

Dosage	Po	ounds a.l. /Ac	re	%	Fluid oz.	Flow Rates	in fluid oz./mi	nute at truck s	peeds of:
Description	Prallethrin	Sumithrin	PBO	Conc. *	Finished spray/Acre	5 MPH	10 MPH	15 MPH	20 MPH
High Population	0.0008	0.0036	0.0036	1.0	6.20	18.8			_
Recommended	0.0005	0.0022	0.0022	1.0	3.80	11.5	23.0	-	-
abt Decidation	0.0004	0.0018	0.0018	1.0	3.10	9.4	18.8	28.2	-
ght Population	0.0003	0.0012	0.0012	1.0	2.07	6.3	12.5	18.8	25.1

<sup>\*</sup>Based on Sumithrin Concentration

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal

STORAGE: Store in a cool, dry place. Keep container closed.

<u>PESTICIDE DISPOSAL</u>: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

<u>CONTAINER DISPOSAL</u>: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Net Contents \_\_\_\_\_ Manufactured by: Mc LAUGHLIN GORMLEY KING COMPANY 8810 Tenth Avenue North Minneapolis, MN 55427

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